

<b>REPORT OF CHANNEL CONDITIONS</b> <b>400 FEET WIDE OR GREATER</b> <i>(ER 1130-2-306)</i>						<b>PAGE</b> 1 <b>OF</b> 1		
<b>TO:</b> The Record						<b>FROM:</b> U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090		
<b>RIVER/HARBOR NAME AND STATE:</b> New York & New Jersey Channels, Raritan Bay East Reach						<b>MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD</b>		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
<b>RARITAN BAY EAST REACH</b>								
<b>Reach Q (Partial):</b> Seguine Point Bend (mile 7.2-8.2); Survey begins approximately 395 feet (ft) landward from RED GAS #30 to approximately 1,110 ft seaward from GREEN GAS #27	File 1286, Sheet 1 of 6; 27 July, 3, 4, 21, 22, 31 Aug, 5 Sept 2006	600-800	0.63	35	33.1	38.9	41.6	30.9
<b>Reach R:</b> Raritan Bay West Reach (mile 4.5-7.2); From approximately 1,111 ft seaward from GREEN GAS #27 to approximately 717 ft seaward from RED GAS #14	File 1286, Sheets 1-3 of 6; 27 July, 3, 4, 21, 22, 31 Aug, 5 Sept 2006	600	2.35	35	32.1	40.0	39.0	32.0
<b>Reach S:</b> Raritan Bay East Reach (mile 0.0-4.5); From approximately 717 ft seaward from RED GAS #14 to approximately 25 ft landward from GREEN GAS & BELL #1	File 1286, Sheets 3-6 of 6; 27 July, 3, 4, 21, 22, 31 Aug, 5 Sept 2006	600	3.91	35	34.7	38.5	37.6	33.6
<b>REMARKS:</b> <ul style="list-style-type: none"> <li>All depths in Mean Low Water</li> <li>Channel length in nautical miles</li> <li>Channel Shoaling:</li> </ul>								
<b>RARITAN BAY EAST REACH</b> <ul style="list-style-type: none"> <li><b>Reach Q:</b> Shoaling exists along the right outside quarter of the channel for approximately 1,100 ft from the beginning of the survey. Some shoaling exists in the left outside quarter of the channel for approximately 920 ft, beginning approximately 200 ft seaward from GREEN GAS #27 into Reach R.</li> <li><b>Reach R:</b> Shoaling exists along the left outside quarter of the channel at the beginning of the reach for approximately 7,500 ft in length and into approximately 50% of the quarter width. A shoal exists along the right outside quarter of the channel beginning at RED LIGHT #20 seaward into Reach S. This shoal is approximately 8,900 ft in length and occupies approximately 30% of the quarter width.</li> <li><b>Reach S:</b> Shoaling continues along the right outside quarter of the channel from the beginning of the reach for approximately 3,020 ft. Additional shoaling exists in the right outside quarter of the channel beginning from approximately 2,500 ft seaward from RED GAS #10 for approximately 2,800 ft. Minimal shoaling exists along the right and left outside quarters of the channel beginning approximately 920 ft from the beginning of the entrance to Sandy Hook Channel.</li> </ul>								